DERWENT-ACC-NO: 2001-590348
DERWENT-WEEK: 200167

TITLE: Conversion of ginkgo rooting and establishment of clone
INVENTOR: SUN, T
PRIORITY-DATA: 1997CN-0109154 (June 27, 1997)
PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CN 1167153 A	December 10, 1997	N/A	000	C12N 015/82

INT-CL_(IPC): C12N005/10; C12N015/74 ; C12N015/82
ABSTRACTED-PUB-NO: CN 1167153A
BASIC-ABSTRACT: NOVELTY - The present invention discloses a conversion of
ginkgo developed root and its pure-clonic propagation formation. It uses ginkgo leaf and root bark as raw material, and uses activated root-developing farm Bacillus to make conversion to integrate T-DNA of root-developing farm Bacillus Ri plasmid into ginkgo cell nucleus DNA to form hair-like root, and then by means of multi-generation culture and screening the obtained hair-like root progressively forms the ginkgo root-developing suspension culture pure-clonic propagation system. The ginkgo developed root can be used as a new
ginkgo resource, and can be cultured by adopting industrial production mode, and can be used for extracting medicinal components of natural ginkgo.
CHOSEN-DRAWING: Dwg.0/0

verification of the identity of the Ginkgo biloba extract.

USE - For establishing a gene regulation profile of a Gingko biloba extract or component of the extract. To screen for counterfeit extracts of EGB 761 (RTM).
CHOSEN-DRAWING: Dwg.0/1

DERWENT-ACC-NO: 1992-305834
DERWENT-WEEK: 199237

TITLE: Extn. and purificn. of flavonoid cpd. from ginkgo leaves - involves mixing leaves with soln. contg. cellulose, cellulase, etc. in water, heating and centrifuging
INVENTOR: HUH, J
PRIORITY-DATA: 1988KR-0011559 (September 7, 1988)
PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 9102391 B	April 22, 1991	N/A	000	A61K 035/78

INT-CL_(IPC): A61K035/78
ABSTRACTED-PUB-NO: KR 9102391B
BASIC-ABSTRACT: The process for extracting and purifying flavonoid cpd. from ginkgo leaves comprises (a) adding 10-20% ginkgo leaves, and 0.05-0.2%, wt. soln. contg. 'macelosin' (I), cellulose C(II) and cellulose NC(III) (mixing ratio (I):(II):(III) is 0.5-3.0:0.3-1.5:0.1-0.3) to the water and agitating the mixt., (b) heating it at 20-50 deg.C and centrifuging it to obtain the supernatant, (c) adding organic solvent, e.g. diethylether, methylene chloride etc., to the supernatant, shaking and separating the water lyer, (d) passsing the water layer through the column filled with 20-40 mesh. Amberite resin XAD-2, (e) adding methanol to resin to obtain the extract, and (f) vacuum-evapora ting the extract and vacuum-drying it to give the final product

DERWENT-ACC-NO: 2002-010808
DERWENT-WEEK: 200209
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TITLE: Method for establishing a gene regulation profile of a Gingko biloba extract
or extract component
INVENTOR: DRIEU, K; PAPADOPOULOS, V
PRIORITY-DATA: 2000US-193889P (March 31, 2000)
PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 200147832 A	October 15, 2001	N/A	000	C12Q 001/68
WO 200175181 A2	October 11, 2001	E	021	C12Q 001/68

INT-CL_(IPC): C12Q001/68
ABSTRACTED-PUB-NO: WO 200175181A
BASIC-ABSTRACT: NOVELTY - Method for establishing a gene regulation profile of
a Gingko biloba extract or extract component comprising quantifying the effect of Gingko biloba on the expression of genes in cells treated with an Gingko biloba extract or component, is new.

DETAILED DESCRIPTION - Method for establishing a gene regulation profile of a
Gingko biloba extract or extract component comprises:

(a) obtaining at least 1 batch of untreated cells;

(b) treating a first batch of cells with an extract of Ginkgo biloba or extract component;

(c) quantifying an affect on the expression of 1 or more genes of the cells to obtain affected genes; and

(d) comparing with genes of cells not treated with Ginkgo biloba or a component of the extract to obtain the gene regulation profile.

An INDEPENDENT CLAIM is also included for a method for verifying the identity of a ginkgo biloba extract comprising obtaining a gene regulation profile of the extract, obtaining a gene regulation profile of EGB 761 (RTM), comparing the two profiles and determining whether the values of the profile of the extract is within +-10% of the values of the EGB 761 profile to obtain